Index of Claims

| Ann | lication/Control | No |
|------|------------------|-----|
| Thb. | | 140 |

09/828,550

Examiner

Rudy Zervigon

Reexamination

HALPIN, MICHAEL W.

Applicant(s)/Patent under

Art Unit

1763

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected Ν

Interference

Appeal Α 0 Objected

| | | L | | | | |) | | | | |
|--|--|--|--------------|--|--------------|--|---|--------------|----------|-----------------|--|
| CI | aim | Date | | | | | | | | | |
| | | | 1 | _ | т | | _ | Τ- | т | \vdash | |
| _ | Original | | i | | | | | | | 1 | |
| Final | ij | | | | | | | | | | |
| ╙ | ō | | | | ļ | ĺ | | | | | |
| <u></u> | | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | _ | _ | <u> </u> | Ш | |
| 1 | 1 | = | L_ | <u>L</u> . | Ļ | ļ | _ | | <u> </u> | Ш | |
| 3 | 2 | = | L | L | | L | $ldsymbol{ld}}}}}}$ | _ | _ | Ш | |
| 3 | 3 4 | = | <u> </u> | | | | _ | <u>L</u> | | Ш | |
| 4 | 4 | = | | <u> </u> | <u>.</u> | | | | | Ш | |
| | ₹\$ > | Ŀ | | | | | <u></u> | | | Ш | |
| 5 | 6 | = | | | | <u> </u> | L | | | | |
| 6 7 | 7 | = | | L | | L | L | | | Ш | |
| | 8 | = | | | | | L | | | Ш | |
| 8 | 9 | = | | | | | | | | | |
| 9 | 10 | = | L | L | | | | | | | |
| | 44- | - | L | L | L | | L | | L | | |
| | 12 | - | | | | | | | | | |
| 10 | 13 | = | | | | | | | | | |
| 11 | 14 | = | | | | | | | | П | |
| | 15 | 1- | | | | | | | Γ | П | |
| | 13 14 15 16 | - | | | | | | | Г | П | |
| | | <u> </u> | Γ | 1 | П | | ļ | Г | Г | П | |
| | 18 | - | 1 | \vdash | Г | | | Г | Г | \Box | |
| | 19 | - | ┪ | _ | Т | | _ | \vdash | _ | H | |
| | 26 | ١- | \vdash | \vdash | \vdash | | | \vdash | \vdash | Н | |
| \vdash | 121 | <u> </u> | | İ | \vdash | | \vdash | \vdash | ┰ | Н | |
| | 54 | 1- | | H | | | - | \vdash | \vdash | H | |
| \vdash | 5 | ١. | \vdash | - | _ | | - | \vdash | ┢ | \vdash | |
| \vdash | 51 | - | - | | ┪ | _ | - | \vdash | _ | Н | |
| \vdash | Б# | - | \vdash | _ | _ | _ | _ | \vdash | \vdash | \vdash | |
| \vdash | 57 | ١- | \vdash | | | | \vdash | \vdash | \vdash | H | |
| | - }∦ | Ι- | \vdash | \vdash | \vdash | | \vdash | H | \vdash | H | |
| - | 3 | - | \vdash | \vdash | | - | | ┢ | | Н | |
| _ | 38 | - | - | \vdash | | | \vdash | ⊢ | \vdash | \vdash | |
| | 38 | | \vdash | \vdash | - | | \vdash | - | - | \vdash | |
| <u> </u> | 3/ | - | ⊢ | ⊨ | ┢ | | - | - | - | H | |
| _ | 136 | - | \vdash | | - | | ┢ | | ┢ | Н | |
| \vdash | | H | - | - | | \vdash | ⊢ | \vdash | - | Н | |
| | 19 22 22 24 25 25 25 25 25 25 25 25 25 25 25 25 25 | H | \vdash | \vdash | ├ | - | - | ┥ | \vdash | \vdash | |
| | # | Ť | \vdash | | ┢ | - | l | \vdash | - | H | |
| | 11 | H | | | | \vdash | | \vdash | _ | H | |
| | {{ }} | + | | | \vdash | \vdash | - | ┢ | \vdash | Н | |
| | [] | H | \vdash | \vdash | \vdash | - | - | | \vdash | Н | |
| - | <u> </u> | - | \vdash | \vdash | - | | - | - | - | Н | |
| | LAN- | +- | \vdash | \vdash | | \vdash | - | | - | ⊢ | |
| | [[] | - | | | \vdash | \vdash | | - | - | Н | |
| | F 6 | ŀ | \vdash | \vdash | \vdash | | - | | \vdash | Н | |
| <u></u> | [[] | - | \vdash | - | | \vdash | <u> </u> | - | - | Н | |
| | H7.81 | 一 | | - | ├ | \vdash | _ | \vdash | - | Н | |
| <u> </u> | 4 # | - | | \vdash | <u> </u> | H | _ | <u> </u> | \vdash | Н | |
| 42 | 4P | - | - | - | | | _ | \vdash | <u> </u> | $\vdash \vdash$ | |
| 12 | 1401 | = | <u> </u> | <u> </u> | _ | Щ | | <u> </u> | ļ | \sqcup | |
| 12 13 14 | 47 | = | H | <u> </u> | | | | \vdash | Ь— | $\vdash \vdash$ | |
| 14 | 48 4 0 - | = | \vdash | Н | <u> </u> | | | \vdash | \vdash | Н | |
| | 444- | - | _ | \vdash | | | | \vdash | | Н | |
| L | 50- | - | | | L | | | 1 | | | |

| <u> </u> | im | | | | | 704 | | | | | 1 | CI- | im | | | | | 704 | | | | _ |
|------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|--|-----|-------|----------|----------|----------|----------|----------|------|--|----------|----------|----------|
| Cla | шт | | Ι | _ | | Date | = | Γ. | Г | | | Cla | urri | | | | | Date | | | | Н |
| LIDA | Original | | | | | | | | | | | Final | Original | | | | | | | | | |
| 1 | 1 | = | | | | | | | | <u> </u> | | | \51_ | - | | | | | | | | |
| 1 2 3 4 | 2 | = | | | | | | | | | | | 52 | - | | | | | | | | |
| 3 | 3 | = | | | | | | | | | | | \$3 | - | | | | | | | | |
| 4 | 4 | = | | | L | | | | | | | | 5\# | ŀ | | | | | | | | |
| | 23 5 | - | | | | | | | | | | | 55 | • | | | | | | | | |
| 5 | 6 | = | | | | | | | | |] | | 56 | - | | | | | | | | |
| 6 | 7 | = | | | | | | | | | 1 1 | | 57\ | - | | | | | | | | |
| 5 6 7 8 | 8 | = | | | | | | | | |] | 15 | 58 | = | | | | | | | П | |
| B | 9 | = | | | | | | | | Π | 1 1 | 16 | 59 | = | | | | | | | П | |
| 9 | 10 | = | | | | | | | | | | 17 | 60 | = | | | | | | | | |
| | 14- | - | | | | | | | | Г | | 18 | 61 | = | | | | | | | | \sqcap |
| | 12- | - | | | | | | | | Г | 1 1 | 19 | 62 | Ξ | | | | | | | | |
| 0 | 13 | = | Γ. | | | | | | | Г | 1 1 | 20 | 63 | = | | | | | П | | П | |
| 1 | 14 | = | | | | | | | | Г | 1 1 | 21 | 64 | = | | | | | | | П | |
| \neg | 15 | - | | | | | | | <u> </u> | Г | 1 1 | 22 | 65 | = | | | | | | | П | \Box |
| | 16 | - | | | | | | | | | | 23 | 66 | = | | | | | | | | |
| | 17 | - | Γ | | Г | Т | | \vdash | Г | | | 24 | 67 | = | | | | | | | П | П |
| | 18 | - | | | | | | | Г | | 1 1 | 25 | 68 | = | | | | | | | П | |
| \neg | 19 | - | \vdash | | Г | | | _ | _ | \vdash | 1 1 | - | 69 | _ | | | _ | | | | П | |
| 一 | 20 | - | | | \vdash | | | | | | 1 1 | | 70 | | | | | | | | П | |
| ヿ | 21 | - | | | \vdash | | | | <u> </u> | \vdash | | | 71 | | | | _ | | \vdash | | | \Box |
| 一 | 22 | - | | | \vdash | | | | | | 1 1 | | 72 | | | | _ | | ┢ | | П | \Box |
| 一 | 28 | - | | \vdash | | | | | Т | _ | | | 73 | | | | | | | | _ | |
| \dashv | E | - | - | \vdash | \vdash | _ | | | _ | | | | 74 | | | | | | | | | \Box |
| \neg | 2 | - | | _ | _ | _ | _ | \vdash | \vdash | | 1 | | 75 | | | | | | \vdash | | _ | П |
| | 20 | - | | | | | | | | | | | 76 | | | \neg | | _ | \vdash | | г | \sqcap |
| _ | M | - | | | | | | | \vdash | <u> </u> | | | 77 | | | | | | | | П | 一 |
| \dashv | 31 | - | | | | | - | H | - | | | | 78 | | | _ | | | | | | П |
| _ | 38 | - | _ | \vdash | _ | _ | | _ | | | 1 | | 79 | | | | | | - | - | | |
| \neg | 30 | - | | Н | ┢ | | | \vdash | - | | 1 1 | | 80 | - | | \neg | | | \vdash | | Н | \dashv |
| _ | 3 | - | | \vdash | H | | - | | - | - | 1 1 | | 81 | - | \dashv | \neg | _ | | \vdash | | Н | \dashv |
| | 32 | - | \vdash | | | | Н | _ | Н | | | | 82 | | \dashv | | _ | - | \vdash | \vdash | П | 一 |
| -1 | 38 | - | _ | H | | Н | Н | | \vdash | \vdash | | | 83 | | \dashv | \dashv | | _ | | - | П | \dashv |
| | 31 | - | | | | | \vdash | - | \vdash | \vdash | | | 84 | \vdash | - | \dashv | _ | | \vdash | | | \dashv |
| | | - | _ | - | | _ | | | | | | - | 85 | | - | | _ | | | \vdash | \vdash | \dashv |
| 一十 | 34 | - | | - | _ | _ | | \vdash | | - | | | 86 | \vdash | | = | _ | - | | | \Box | \dashv |
| \dashv | 3# | - | | - | | | | | | \vdash | | | 87 | \dashv | | | _ | | \vdash | \dashv | \vdash | \dashv |
| | ₩ | - | | H | | - | <u> </u> | - | | \vdash | | | 88 | | - | \dashv | | - | \vdash | - | М | \dashv |
| ᅥ | 間 | - | H | H | H | | | - | - | ┢─ | | | 89 | | | \dashv | | | \vdash | - | | \dashv |
| 一 | 胡 | - | H | \vdash | H | H | H | | - | Η. | | | 90 | | - | \dashv | | | | \dashv | - | \dashv |
| \dashv | 4n | <u> </u> | - | \vdash | \vdash | \vdash | | - | | \vdash | | - | 91 | \vdash | \dashv | \dashv | \dashv | _ | \vdash | | \vdash | \dashv |
| - | 42 43 44 | - | \vdash | \vdash | Н | \vdash | \vdash | _ | \vdash | \vdash | | | 92 | - | \dashv | \dashv | | | - | | - | \dashv |
| ᅥ | 141 | - | | H | | H | | Н | - | - | | - | 93 | \vdash | \dashv | - | | | \vdash | | | \dashv |
| - | 44 | · | | - | | \vdash | \vdash | | H | \vdash | | | 94 | \vdash | | \dashv | | | - | - | \dashv | \dashv |
| -+ | 1 | - | | - | | \dashv | \vdash | | \vdash | ├ | | - | 95 | \dashv | + | \dashv | | | Н | | H | \dashv |
| 2 | 45 46 | = | - | \vdash | \vdash | \vdash | Н | | | - | } | | 96 | | | \dashv | \dashv | _ | \vdash | \dashv | \dashv | \dashv |
| 3 | 47 | - | \vdash | \dashv | \dashv | - | \vdash | | | | | - | 97 | | | \dashv | - | | \vdash | - | \vdash | \dashv |
| 4 | 48 | = | | \vdash | \vdash | - | \vdash | | \vdash | | | | 98 | | \dashv | \dashv | - | | - | \dashv | \dashv | \dashv |
| - | 40 | - | \dashv | \dashv | | \dashv | \vdash | | \vdash | \vdash | | | 99 | - | | \dashv | | _ | | - | \dashv | \dashv |
| \dashv | 50- | - | \vdash | | | \dashv | | | \vdash | | | | 100 | \dashv | \dashv | \dashv | \dashv | | | | | \dashv |
| | JU- | | | | | | | | | | ı L | | 100 | ! | | | | | | | | |

| Cla | aim | | | | | Date | | | | |
|------------------------|--------------------------|----------|----------|--------------|----------|----------------|--------------|--|--------------|----------------|
| | | | | | | T | | | | П |
| Final | Original | | | | | | | : | | |
| | 101 102 103 | | | | | | | | | |
| | 102 | | | | | | | | | |
| | 103 | | | <u> </u> | | _ | | | | |
| | 104 105 | | | | | | | | | |
| | 105 | | | L_ | | _ | | <u> </u> | | Ш |
| | 106 | | | <u> </u> | _ | | | <u> </u> | | Ш |
| | 107 108 109 | | | - | | | | ⊢ | <u> </u> | |
| | 100 | | | ⊢ | | | | \vdash | | |
| \vdash | 110 | \vdash | _ | - | _ | _ | ⊢ | - | | Н |
| | 110 111 | - | <u> </u> | \vdash | _ | - | | ┢ | _ | - |
| | 112 | | | H | | | | ┢ | _ | Н |
| | 113 | | | \vdash | | ļ | \vdash | \vdash | | Н |
| | 114 | | | | | | | | | Н |
| | 112 113 114 115 | | | | | | | | | |
| | 116 | | | | | | | | | |
| | 117 | | | | | | | | | |
| | 118 | | | | | | | | | |
| | 119 | | | | | | | | | |
| | 120 | | L | L | _ | _ | <u> </u> | _ | $oxed{\Box}$ | Ш |
| $\sqcup \sqcup$ | 121 122 | _ | _ | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | | Ш |
| | 122 | | L | ऻ_ | _ | <u> </u> | <u> </u> | _ | | Щ |
| | 123 | | | - | <u> </u> | <u> </u> | <u> </u> | - | | Щ |
| | 123 124 125 | | \vdash | \vdash | <u> </u> | - | <u> </u> | ├ | - | \vdash |
| $\vdash\vdash\vdash$ | 125 | - | | \vdash | <u> </u> | — | | | H | \vdash |
| $\vdash\vdash\vdash$ | 127 | - | \vdash | ╢ | | - | | \vdash | \vdash | \vdash |
| $\vdash \vdash \vdash$ | 126 127 128 | | \vdash | \vdash | | \vdash | \vdash | \vdash | \vdash | \vdash |
| | 129 | | | | | | \vdash | \vdash | | \vdash |
| | 129 130 131 | | Н | T | _ | | | T | П | Н |
| | 131 | | | \vdash | | | | | \Box | Н |
| | 132 133 | | | | | | | | | |
| | 133 | | | | | | | | | |
| | 134 | | | | | | | | | |
| $oxed{igspace}$ | 135 | | | | | | | | | |
| | 136 | | | _ | _ | <u> </u> | | <u> </u> | | Ш |
| | 137 | | | ļ | ļ., | <u> </u> | _ | | | Ш |
| | 138 | \vdash | Щ | - | <u> </u> | <u> </u> | | <u> </u> | | Ш |
| | 139 140 | _ | - | - | <u> </u> | | _ | ⊨ | | ļ |
| | 141 | - | | \vdash | - | \vdash | - | \vdash | | |
| | 142 | \dashv | \vdash | | | ├─ | - | \vdash | | $\vdash\vdash$ |
| | 143 | - | - | \vdash | _ | | - | \vdash | - | \vdash |
| | 144 | \dashv | \vdash | \vdash | _ | | | <u> </u> | Η, | Н |
| | 145 | \neg | Н | | Н | - | - | | \vdash | \vdash |
| | 146 | \neg | | | | - | | | | \vdash |
| | 147 | | | П | | | | | М | \vdash |
| | 148 | | | | | | | | \Box | \neg |
| | | | | _ | | | | | _ | |
| | 149 150 | | | | | | | | | |